

000455

COMMITTEE ACTION SHEET

100  
05/27

COUNCIL DOCKET OF

5/27/08

☐ Supplemental   ☐ Adoption   ☒ Consent   ☐ Unanimous Consent   Rules Committee Consultant Review

R -

O -

Barrett Reservoir Outlet Tower Upgrade – Construction Contract Change Order No. 1

☒ Reviewed   ☐ Initiated   By NR&C   On 4/23/08   Item No. 3a

RECOMMENDATION TO:

Approve.

VOTED YEA: Frye, Faulconer, Peters, Atkins

VOTED NAY:

NOT PRESENT:

CITY CLERK: Please reference the following reports on the City Council Docket:

REPORT TO THE CITY COUNCIL NO.

INDEPENDENT BUDGET ANALYST NO.

COUNCIL COMMITTEE CONSULTANT ANALYSIS NO.

OTHER:

Engineering and Capital Project Department's April 16, 2008, Executive Summary Sheet

COUNCIL COMMITTEE CONSULTANT

Donna Frye

000457

## EXECUTIVE SUMMARY SHEET

DATE ISSUED: April 16, 2008  
ATTENTION: Natural Resources & Culture Committee Meeting  
Agenda of April 23, 2008  
ORIGINAL DEPT.: Engineering & Capital Projects Department  
SUBJECT: Barrett Reservoir Outlet Tower Upgrade – Construction  
Contract Change Order #1  
COUNCIL DISTRICTS: All  
STAFF CONTACT: Iraj Asgharzadeh (619) 533-5105  
Ed Fordan (619) 533-4102

REQUESTED ACTION:

Council authorization to execute Contract Change Order No. 1 with Orion Construction Corporation in an amount not to exceed \$167,631 for the Barrett Reservoir Outlet Tower Upgrade project and \$69,830.32 for related costs.

STAFF RECOMMENDATION:

Adopt the Resolutions.

EXECUTIVE SUMMARY:

The City Council has previously award a construction contract to Orion Construction Corporation by Resolution number R-302014 and R-302288.

The Barrett Reservoir Outlet Tower Upgrade was approved by the California Department of Safety of Dams (DSOD) on July 8, 2003, and the construction will address the essential elements of the outlet tower that affect operation and maintenance, personnel safety, and water supply reliability to downstream City facilities. The contract change order number one will remove a portion of four deteriorated platforms and accumulated debris inside the outlet tower including the rehabilitation of the deteriorated concrete bridge at platforms; removal and replacement of corroded 30-inch piping and appurtenances; and install valve supports under the five new knife gate valves. These tasks are key components of the outlet tower upgrade. Authorizing this construction contract change order improves safety inside the structure and addresses DSOD's requirements.

Through inspection and input from the City Corrosion Engineers and consultation with Consultant Structural Engineer, this change order will remove and replace corroded 30-inch piping and appurtenances; rehabilitate the deteriorated concrete bridge at four levels and; install valve supports under the five new knife gate valves. Due to confined work space, method of construction and special trades and skills for the project including efficient implementation, all these tasks will be performed by Orion Construction Corporation. Subcontracting for the new scope of work was not changed.

EQUAL OPPORTUNITY CONTRACTING:

The contract was awarded under Sub Contracting Outreach Program (SCOPE) with requirements that bidder provide documentation demonstrating a good faith effort to outreach to a broad-base of subcontractors, subcontracting at least 27% of the contract with advisory participation levels of 9% DBE, 1% DVBE and 17% OBE, and score at least 80 out of 100 Outreach Indicator Points. The Equal Opportunity Contracting Program staff evaluated Orion Construction Corporation's documentation and reported that the contractor complied with the SCOPE requirements. The actual DBE was 0%, 14.07% DVBE, and 18.71 OBE. Orion Construction Corporation documentation reflected 32.78% subcontracting, provided documentation sufficient to verify that the bidder made subcontracting opportunities available to a broad-base of qualified subcontracts, and scored 100 out of 100 Outreach Indicator Points.

000458

FISCAL CONSIDERATIONS:

The total estimated cost for Barrett Reservoir Outlet Tower Upgrade is \$2,790,963.88 of which \$2,553,502.56 was previously authorized by Council Resolution Number R-302014 and R-302288. However, during construction work of the upgrade additional work was identified to maintain the integrity of the new equipment and the safety inside the dam. The total additional request for this project is \$237,461.32. Funding is available in Water Fund 41500, CIP 73-317.0 Barrett Reservoir Outlet Tower Upgrade for this purpose. The Water Department revenue is dedicated for this project; 80% will be bond financed. No future funding is anticipated.

PREVIOUS COUNCIL COMMITTEE ACTION:

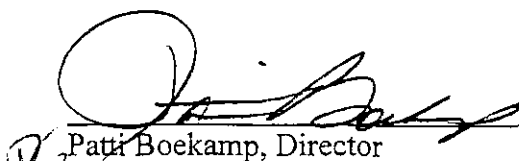

On July 23, 2001, Council authorized the City Manager to execute the original Agreement with Richard Brady & Associates (Resolution No. R-295172) and on October 10, 2006 the First Amendment was authorized (Resolution No. R-301955). On July 26, 2006, the Natural Resources and Culture Committee approved this requested action. On November 3, 2006, City Council Approved Plans and Specifications as advertised by Contract Services and authorized the Mayor to award a construction contract to the lowest responsible and reliable bidder, authorized the expenditure of funds; award of public works contract; and taking related actions (Resolution No. R-302014). On January 16, 2007 the City Council authorized \$320,000 additional funding and the Mayor to execute construction contract award with Orion Construction Corporation (Resolution No. R-302288).

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

Community outreach is limited to lake area and users. Information will be disseminated to lake users to let them know of the new time frame of construction. This project was advertised through the local contractor's association and newspaper.

KEY STAKEHOLDERS & PROJECTED IMPACTS (if applicable):

The key stakeholders are the City of San Diego Water Department customers, Orion Construction, C & W Diving Services, Inc., Neal Electric and WR Robbins Co. Inc., Richard Brady & Associates, and California Department of Safety of Dams. Failure to rehabilitate the Barrett Reservoir Outlet Tower will continue to put a constraint on the use of local raw water and will continue to import water from San Diego Water Authority.

  
Patti Boekamp, Director  
Engineering & Capital Projects Department  
David Jarrell  
Deputy Chief of Public Works

## SECTION 11 – PREPARATION OF: RESOLUTIONS, ORDINANCES, ETC. (CONTINUED):

2. Authorize an additional expenditure of \$237,461.32 from CIP 73-317.0, Barrett Reservoir Outlet Tower Upgrade, Fund 41500, Water, for which \$167, 631 is for Change Order No. 1 for the construction of Barrett Reservoir Outlet Tower Upgrade and \$69,830.32 is for related cost contingent upon by the City Auditor and Comptroller furnishing a certificate certifying that funds necessary for expenditure or, or will be, on deposit with the City Treasurer; and
3. Authorizing the City Auditor and Comptroller, upon advice from the administering department, to return excess budgeted funds, if any, to the appropriate reserves.

**CC0461** DOCKET SUPPORTING INFORMATION  
CITY OF SAN DIEGO  
**EQUAL OPPORTUNITY CONTRACTING PROGRAM EVALUATION**

DATE: 100  
April 4, 2008 05/27

SUBJECT: Barrett Reservoir Outlet Tower Upgrade – Contract Change Order #1

**GENERAL CONTRACTOR INFORMATION**

Recommended Consultant: Orion Construction Corporation, Inc.

Amount of this Action: \$ 237,461.32  
Prior Actions: \$2,553,502.56  
Cumulative Actions: \$2,790,963.88

Funding Source: City of San Diego

<b><u>SUBCONTRACTOR PARTICIPATION</u></b>	<b><u>This Action</u></b>		<b><u>Cumulative</u></b>	
C&W Diving Services, Inc. (Other)	\$0.00	0%	\$209,262.00	7.49%
Neal Electric (Other)	\$0.00	0%	\$ 86,135.00	3.08%
WR Robbins Co., Inc (Other)	\$0.00	0%	\$ 24,900.00	0.89%
Ferguson Waterworks (Other)	\$0.00	0%	\$215,568.00	7.72%
Fibergrate Composite Structures (Other)	\$0.00	0%	\$ 37,810.00	1.35%
<b>Total Certified Participation</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$ 0.00</b>	<b>0.00%</b>
<b>Total Other Participation</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$573,675.00</b>	<b>20.53%</b>
<b>Total Participation</b>	<b>\$0.00</b>	<b>0%</b>	<b>\$573,675.00</b>	<b>20.53%</b>

**EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE**

Equal Opportunity: Required

Orion Construction Corporation, Inc. submitted a Work Force Report for their San Diego employees dated, January 17, 2008 indicating 24 employees in their Administrative Work Force and 59 employees in their Trade Work Force.

The Workforce Analysis has no under-representations in any of the identified categories.

This agreement is subject to the City's Equal Opportunity Contracting (San Diego Ordinance No. 18173, Section 22.2701 through 22.2702) and Non-Discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517)

**ADDITIONAL COMMENTS**

None.

RLL

<b>000463</b> <b>REQUEST FOR COUNCIL ACTION</b> CITY OF SAN DIEGO		1. CERTIFICATE NUMBER (FOR AUDITOR'S USE ONLY) <b>100</b> <b>AC 2800759</b> 5/2/08					
TO: CITY ATTORNEY		2. FROM (ORIGINATING DEPARTMENT): Engineering & Capital Projects Department					
3. DATE: February 13, 2008							
4. SUBJECT: Barrett Reservoir Outlet Tower Upgrade -Contract Change Order #1							
5. PRIMARY CONTACT (NAME, PHONE, & MAIL STA.) Darren Greenhalgh, (858) 573-5019 MS 908		6. SECONDARY CONTACT (NAME, PHONE, & MAIL STA.) Iraj Asgharzadeh, (619) 533-5105 MS 907					
7. CHECK BOX IF REPORT TO COUNCIL IS ATTACHED <input type="checkbox"/>							
8. COMPLETE FOR ACCOUNTING PURPOSES							
FUND	41500	41500	9. ADDITIONAL INFORMATION / ESTIMATED COST:  CIP 73-317.0 Engineering: \$1,013,332.88 Construction: 1,699,631.00 Equipment: 3,000.00 Contingency: \$ 75,000.00 Total Project: \$2,790,963.88 Less Prev Auth: \$2,553,502.56 This Request: \$ 237,461.32				
DEPT.	760	760					
ORGANIZATION	391040	391040					
OBJECT ACCOUNT	4220	4116					
JOB ORDER	186154	186151					
C.I.P. NUMBER	73-317.0	73-317.0					
AMOUNT	\$167,631.00	\$69,830.32					
10. ROUTING AND APPROVALS							
ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED	ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
1	E&CP DEPARTMENT DIRECTOR		3/28/08	8	DEPUTY CHIEF		4/16/08
2	WATER DEPT DIRECTOR	APPROVAL SIGNATURES ON FILE		9	C.O.O.	N/R	
3	EAS			10	CITY ATTORNEY		5/6/08
4	EOC			11	ORIG. DEPT		5/6/08
5	LIAISON OFFICE				DOCKET COORD:		5/7/08
6	CIP/FM		4/21/08	<input checked="" type="checkbox"/> COUNCIL PRESIDENT <input type="checkbox"/> SPOB <input checked="" type="checkbox"/> CONSENT <input type="checkbox"/> ADOPTION <input type="checkbox"/> REFER TO: _____	COUNCIL DATE: 5/27/08		
7	AUDITORS		5/2/08				
11. PREPARATION OF: <input checked="" type="checkbox"/> RESOLUTION(S) <input type="checkbox"/> ORDINANCE(S) <input type="checkbox"/> AGREEMENT(S) <input type="checkbox"/> DEED(S)							
1. Authorizing the Mayor, or his designee to execute Contract Change Order No. 1 with Orion Construction Corporation, Inc. in an amount not to exceed \$167,631.00 for the Barrett Reservoir Outlet Tower Upgrade; and							
11A. STAFF RECOMMENDATIONS: Adopt the Resolutions.							
12. SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION.) <u>COUNCIL DISTRICT(S):</u> All <u>COMMUNITY AREA(S):</u> <u>ENVIRONMENTAL IMPACT:</u> This activity is categorically exempt from CEQA pursuant to State CEQA Guidelines Section 15302. <u>HOUSING IMPACT:</u> None <u>OTHER ISSUES:</u> None <u>CITY CLERK INSTRUCTIONS:</u> Please return a copy of the 1472 to Joanne Ferrer, (619) 619-533-6672, MS 908A. <u>ATTACHMENTS:</u> Contract Change Order #1 (4 sets), Project Cost Estimates, Location Map and CEQA Exemption.							

DATE ISSUED: February 13, 2008  
ATTENTION: Council President and City Council  
ORIGINAL DEPT.: Engineering & Capital Projects Department  
SUBJECT: Barrett Reservoir Outlet Tower Upgrade – Construction  
Contract Change Order #1  
COUNCIL DISTRICTS: All  
STAFF CONTACT: Iraj Asgharzadeh (619) 533-5105  
Ed Fordan (619) 533-4102

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FISCAL CONSIDERATIONS:

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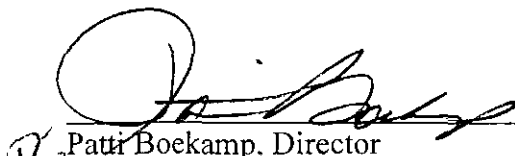

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COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

Community outreach is limited to lake area and users. Information will be disseminated to lake users to let them know of the new time frame of construction. This project was advertised through the local contractor's association and newspaper.

KEY STAKEHOLDERS & PROJECTED IMPACTS (if applicable):

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Patti Boekamp, Director  
Engineering & Capital Projects Department  
David Jarrell  
Deputy Chief of Public Works



000467

## PROJECT COST ESTIMATE

Barrett Reservoir Outlet Tower Upgrade

 Agreement  
 Advertise  
 Award/Amend

x

 Prepared by:  
 Date:  
 W.O. No.

Ed Fordan

January 10, 2008

186151

(Project Title)

ACTIVITY	CIP NO. OR OTHER SOURCE OF FUNDS			TOTALS	% OF E
	% OF E	PREVIOUS	This Request		
<b>A. Planning/Design/Administration</b>					
4114 Preliminary Engineering	6.9%	\$191,220.56	\$0.00	\$191,220.56	
4115 Outside Engineering - Tasks	0.2%	\$5,558.56	(\$169.68)	\$5,388.88	
4116 Construction Engineering	10.7%	\$217,779.44	\$80,000.00	\$297,779.44	
4118 Engineering Design	17.4%	\$486,944.00	\$0.00	\$486,944.00	
41181 Engineering Design #2	0.0%	\$0.00	\$0.00	\$0.00	
4119 Environ. Impact Studies	0.7%	\$20,000.00	\$0.00	\$20,000.00	
4151 Professional Services	0.4%	\$12,000.00	\$0.00	\$12,000.00	
4159 Construction Management	0.0%	\$0.00	\$0.00	\$0.00	
4222 Misc Contractual Services	0.0%	\$10,000.00	(\$10,000.00)	\$0.00	
4240 Reimbursement Agreements	0.0%	\$0.00	\$0.00	\$0.00	
<b>Total Planning/Design/Administration</b>		<b>\$943,502.56</b>	<b>\$69,830.32</b>	<b>\$1,013,332.88</b>	<b>36.3%</b>
<b>B. Construction</b>					
4150 Safety	0.0%	\$0.00	\$0.00	\$0.00	
4220 Prime Construction Contract	59.3%	\$1,487,000.00	\$167,631.00	\$1,654,631.00	
42201 Construction Contract #2	0.0%	\$0.00	\$0.00	\$0.00	
42220 GRC	0.0%	\$0.00	\$0.00	\$0.00	
4226 City Forces Work	1.6%	\$45,000.00	\$0.00	\$45,000.00	
4810 OCIP / Professional Liability	0.0%	\$0.00	\$0.00	\$0.00	
4981 SDDPC Support	0.0%	\$0.00	\$0.00	\$0.00	
<b>Total Construction</b>		<b>\$1,532,000.00</b>	<b>\$167,631.00</b>	<b>\$1,699,631.00</b>	<b>60.9%</b>
<b>C. Equipment and Furnishings</b>					
3316 Pipe Fittings	0.0%	\$0.00	\$0.00	\$0.00	
4922 Construction Related	0.1%	\$3,000.00	\$0.00	\$3,000.00	
<b>Total Equipment and Furnishings</b>		<b>\$3,000.00</b>	<b>\$0.00</b>	<b>\$3,000.00</b>	<b>0.1%</b>
<b>D. Contingencies</b>					
4905 Contingencies	2.7%	\$75,000.00	\$0.00	\$75,000.00	
4909 Pooled Contingencies	0.0%	\$0.00	\$0.00	\$0.00	
<b>Total Contingencies</b>		<b>\$75,000.00</b>	<b>\$0.00</b>	<b>\$75,000.00</b>	<b>2.7%</b>
<b>SUBTOTAL</b>		<b>\$2,553,502.56</b>	<b>\$237,461.32</b>	<b>\$2,790,963.88</b>	<b>100.0%</b>
<b>E. Equipment &amp; Furnishings</b>					
4922 Equipment & Furnishings				\$0.00	\$0.00
<b>F. Other</b>					
4279 Other Non - Personal		\$1,434,690.00	(\$237,461.32)	\$1,197,228.68	\$1,197,228.68
<b>TOTAL PROJECT COST</b>		<b>\$3,988,192.56</b>	<b>\$0.00</b>	<b>\$3,988,192.56</b>	<b>\$2,790,963.88</b>

(When Applicable)		
SAVINGS BY USE OF CITY FORCES		
	City Forces	Contract
Labor		
Material		
Equip.		
Profit		
TOTAL	\$0.00	\$0.00

Prev. Auth. Res. #	R-295172	\$586,944.00
Prev. Auth. Res. #	R-296727	(\$75,000.00)
Prev. Auth. Res. #	R-298504	(\$100,000.00)
Prev. Auth. Res. #	C-13865	\$155,822.00
	R-301955	\$63,386.56
	R-302014	\$1,602,350.00
	R-302288	\$320,000.00
Total Previous Authorized		\$2,553,502.56
ADDITIONAL AUTH. REQUIRED		\$237,461.32

FUNDING:	41500			
CIP NO. [XX-XXX.X]	73-317.0			
Programmed				
Uncom. Balance				
THIS REQUEST	0.00	0.00	0.00	\$237,461.32

COMMENTS:

000469

# DETERMINATION OF ENVIRONMENTAL EXEMPTION

Pursuant to the California Environmental Quality Act (CEQA) and State CEQA Guidelines

Agency: CITY OF SAN DIEGO

Project Number:

N/A

Date: May 1, 2006

Action/Permit(s): Funding CIP No. 73-317.0

**Description of Activity:** Barret Reservoir Outlet Tower Upgrade Project: The Barret dam and outlet structure were constructed in 1922. The tower's internal and external valve and piping system is highly corroded and in need of replacement. The improvements would entail the replacement of all piping with new steel piping; replacement of interior and exterior valves, as well as the 16 inch valve in the dam; automating all of the valves with electric actuators; locking the electrical control panels and equipment in corrosion resistant cabinets; and replacing the dam spillway gates. All work would occur within the outlet and dam structures. The proposed improvements would bring the tower up to Water Department standards and OSHA safety standards, and minimize the amount of confined space entry required to operate the tower. The improvements are also necessary to ensure that the reservoir's raw water storage can be fully used during years of high precipitation.

**Location of Activity:** Located at the confluence of Cottonwood and Pine Valley Creek, Barrett Reservoir is in a remote area approximately 35 miles east of San Diego in the Cleveland National Forest area of the County of San Diego.

1. ☐ This activity is **EXEMPT FROM CEQA** pursuant to:
- ☐ Section 15060(b) (3) of the State CEQA Guidelines (the activity is not a project as defined in Section 15378).
2. ☒ This project is **EXEMPT FROM CEQA** pursuant to the State CEQA Guidelines section checked below:

## ARTICLE 19 of GUIDELINES CATEGORICAL EXEMPTIONS (Incomplete list)

Section	Short Name
<input type="checkbox"/> 15301	Existing Facilities
<input checked="" type="checkbox"/> 15302	Replacement or Reconstruction
<input type="checkbox"/> 15303	New Construction or Conversion of Small Structures
<input type="checkbox"/> 15304	Minor Alterations to Land
<input type="checkbox"/> 15305	Minor Alteration in Land Use
<input type="checkbox"/> 15306	Information Collection
<input type="checkbox"/> 15311	Accessory Structures
<input type="checkbox"/> 15312	Surplus Government Property Sales
<input type="checkbox"/> 15315	Minor Land Divisions
<input type="checkbox"/> 15317	Open Space Contracts or Easements
<input type="checkbox"/> 15319	Annexation of Existing Facilities and Lots for Exempt Facilities
<input type="checkbox"/> 15325	Transfer of Ownership of Interest in Land to Preserve Open Space
<input type="checkbox"/> Other	

## ARTICLE 18 of GUIDELINES STATUTORY EXEMPTIONS (Incomplete list)

Section	Short Name
<input type="checkbox"/> 15261	Ongoing Project
<input type="checkbox"/> 15262	Feasibility and Planning Studies
<input type="checkbox"/> 15265	Adoption of Coastal Plans and Programs
<input type="checkbox"/> 15268	Ministerial Projects
<input type="checkbox"/> 15269	Emergency Projects
<input type="checkbox"/> Other	

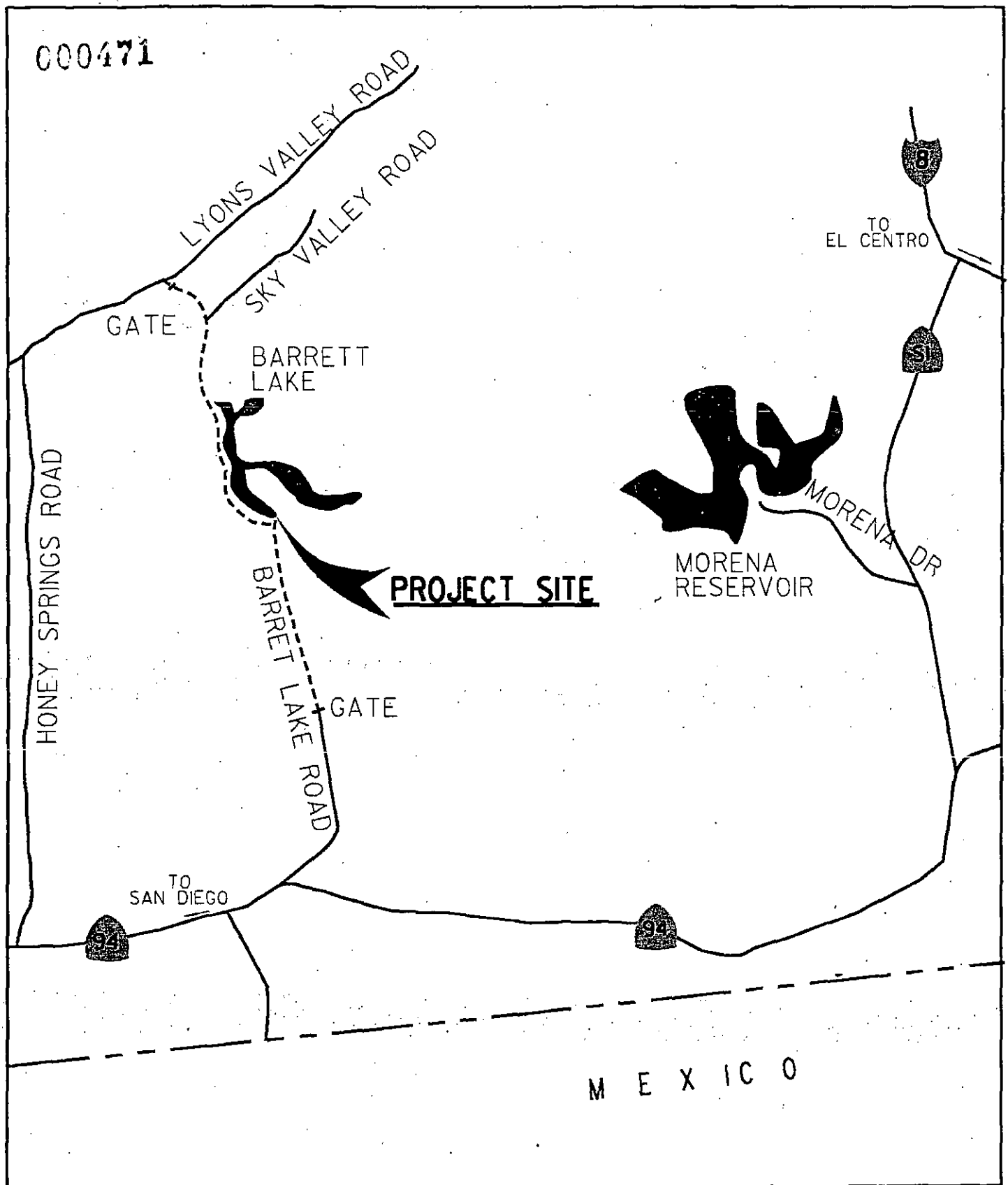
It is hereby certified that the City of San Diego has determined the above activity to be exempt:

  
Nicole A. McGinnis, SENIOR PLANNER

Distribution: Myra Herrman, Development Services  
Ed Fordan, Water Department, CIP  
Exemption or Project file

Responsible Departments: Water

000471



# BARRETT RESERVOIR OUTLET TOWER UPGRADE PROJECT

000473

**The City of San Diego**  
**CERTIFICATE OF CITY AUDITOR AND COMPTROLLER**

**CERTIFICATE OF UNALLOTTED BALANCE**

AC 2800759  
 ORIGINATING  
 DEPT. NO.: 760

I HEREBY CERTIFY that the money required for the allotment of funds for the purpose set forth in the foregoing resolution is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unallotted.

Amount: \$69,830.32 Fund: 41500

Purpose: Authorizing an expenditure of funds for project related costs for Barrett Reservoir Outlet Tower Upgrade, CIP 733170.

Date: May 2, 2008

By: *Yeshi Bezu*  
 AUDITOR AND COMPTROLLER'S DEPARTMENT

ACCOUNTING DATA										
ACCTG. LINE	CY PY	FUND	DEPT	ORG.	ACCOUNT	JOB ORDER	OPERATION ACCOUNT	BENF/ EQUIP	FACILITY	AMOUNT
001	0	41500	760	391020	4116	186151				\$69,830.32
TOTAL AMOUNT										\$69,830.32
										FUND OVERRIDE <input type="checkbox"/>

**CERTIFICATION OF UNENCUMBERED BALANCE**

I HEREBY CERTIFY that the indebtedness and obligation to be incurred by the contract or agreement authorized by the hereto attached resolution, can be incurred without the violation of any of the provisions of the Charter of the City of San Diego; and I do hereby further certify, in conformity with the requirements of the Charter of the City of San Diego, that sufficient moneys have been appropriated for the purpose of said contract, that sufficient moneys to meet the obligations of said contract are actually in the Treasury, or are anticipated to come into the Treasury, to the credit of the appropriation from which the same are to be drawn, and that the said money now actually in the Treasury, together with the moneys anticipated to come into the Treasury, to the credit of said appropriation, are otherwise unencumbered.

Not to Exceed: \$167,631.00

Vendor: Orion Construction Corporation, Inc.

Purpose: Authorizing an increase in the expenditure of funds for Change Order #1 for the construction of Barrett Reservoir Outlet Tower Upgrade, CIP 733170.

Date: May 2, 2008

By: *Yeshi Bezu*  
 AUDITOR AND COMPTROLLER'S DEPARTMENT

ACCOUNTING DATA										
ACCTG. LINE	CY PY	FUND	DEPT	ORG.	ACCOUNT	JOB ORDER	OPERATION ACCOUNT	BENF/ EQUIP	FACILITY	AMOUNT
001	0	41500	760	391040	4278	186154				\$167,631.00
TOTAL AMOUNT										\$167,631.00
										FUND OVERRIDE <input type="checkbox"/>

000475

RESOLUTION NUMBER R-\_\_\_\_\_

DATE OF FINAL PASSAGE \_\_\_\_\_

BE IT RESOLVED, by the Council of the City of San Diego, that Change Order No. 1, dated January 28, 2007, heretofore filed with the City Clerk of said City as Document No. \_\_\_\_\_, issued in connection with the contract between the City of San Diego and Orion Construction Corporation, said contract having been filed in the office of the City Clerk as Document No. RR-302288, be and the same is hereby approved; and the changes therein set forth, amounting to a net increase in the contract price of \$167,631.00, and an extension of time of 98 working days, extending the completion to 298 working days, be and the same are hereby approved.

BE IT FURTHER RESOLVED, that an additional expenditure of \$237,461.32 from CIP 73-317.0, Barrett Reservoir Outlet Tower Upgrade, Fund 41500, Water, is authorized, for which \$167,631.00 is for Change Order No. 1 for the construction of Barrett Reservoir Outlet Tower Upgrade and \$69,830.32 is for related cost contingent upon the City Auditor and Comptroller first furnishing a certificate certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasurer.

BE IT FURTHER RESOLVED, that the City Auditor and Comptroller, upon advice from the administrating department, is authorized to return excess funds, if any, to the appropriate reserve.

000476

BE IT FURTHER RESOLVED, that the above activity is categorically exempt from the California Environmental Quality Act pursuant to CEQA Guidelines section 15302.

APPROVED: MICHAEL J. AGUIRRE, City Attorney

By Mark M. Mercer  
Mark M. Mercer  
Deputy City Attorney

MMM:nda  
04/01/08  
Or.Dept:E&CP Dept.  
R-2008-848

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of \_\_\_\_\_.

ELIZABETH S. MALAND  
City Clerk

By \_\_\_\_\_  
Deputy City Clerk

Approved: \_\_\_\_\_  
(date)

\_\_\_\_\_  
JERRY SANDERS, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
JERRY SANDERS, Mayor

000477

# CITY OF SAN DIEGO - ENGINEERING & CAPITAL PROJECTS

## COUNCIL APPROVAL REQUIRED

Change Order No.: 1  
 Project: Barrett Reservoir Outlet Tower Upgrade  
 Contractor: Orion Construction Corporation, 1232 Keystone Way, Vista CA 92081

Job Order: 186151  
 Sheet: 1 of 2  
 Date: 1/28/2007

**Description:**

Payment to the contractor for items listed in this change order shall provide full compensation for all equipment, materials, labor, field and home office overhead, indirect and consequential costs, mark-ups, and profit necessary to complete the work. By executing this contract change order, the contractor agrees to proceed with this work as a change order per section 3-2.1 of the Standard Specifications for Public Works Construction (2000 Edition) and waives any rights to additional compensation arising out of work listed in this change order, including without limitation, any claims relating to any cumulative effect of change orders, delays, productivity, impact or interruption.

AC 2800759

**CONTRACT INFORMATION**

Resolution No: <u>RR-302288</u>		Amount Authorized	<u>\$2,553,502.56</u>
Fund: <u>41500</u>	C.I.P. No.: <u>73-317.0</u>	Original Contract Amount	<u>\$1,487,000.00</u>
P.O. No: <u>5094792-0</u>	Aud. Cert. No.: <u>2700447</u>	Contract Amount Authorized Through Phase Funding	<u>\$0.00</u>
Contract Doc.: <u>K073390C</u>	Ref. Dwg. No.: <u>31388 - D</u>	Prior Change Orders	<u>\$0.00</u>
		Amount This Change Order	<u>\$167,631.00</u>
		Total Contract	<u>\$1,654,631.00</u>

The cost of the Change Order ( ) is ( X ) is not available from the contingency funds authorized for the contract. \$ 92,631.00 additional funds are requested.  
 The change order will ( ) not change ( X ) increase ( ) decrease the amount of the contract based on:

- ☒ An agreed lump sum of \$167,631.00  
☐ Unit prices agreed upon totaling \_\_\_\_\_  
☐ Cost plus as provided in section 3-3 of the Standard Specification for an amount not to exceed \_\_\_\_\_

Original/Previous Contract duration: 200 work days. Requested by this change order: 98 work days. NEW CONTRACT DURATION: 298 work days.

ORIGINAL CONTRACT COMPLETION DATE: 1/11/2008 NEW CONTRACT COMPLETION DATE: 6/3/2008

Approved by Council Resolution: \_\_\_\_\_

Prepared By: C. Watz 01/29/08  
 Clemens Wassenberg - Resident Engineer Date

Appr. As to form: \_\_\_\_\_  
 Marie Wright-Travis, Deputy City Attorney Date

Accepted By: J. Danks 1/29/08  
 Orion Construction - Contractor Date

No. \_\_\_\_\_ Date \_\_\_\_\_

Agreed By: C. Watz 01/29/08  
 Clemens Wassenberg - Construction Manager Date

Auditors Cert. No. \_\_\_\_\_

Hang Torabi 01/30/08  
 Hang Torabi - Construction Engineer Date

Return To: Engineering & Capital Projects, MS 18  
 Copy To: ( ) AUDITOR w/enclosure  
 ( ) CONTRACTOR w/o enclosure  
 ( ) W.O. FILE w/enclosure  
 ( ) PROJECT MANAGER w/enclosure  
 ( ) Rodel Riego, Auditors, MS 7A

Recommended By: Ed Fordan 1/30/08  
 Ed Fordan - Project Manager Date

Dave Zoumarras 1-31-08  
 Dave Zoumarras - Deputy Director Date

Funds Cert. By: Yeshe Bezenich 5/2/08  
 Auditor Date

Mayor/Designee \_\_\_\_\_ Date \_\_\_\_\_

CITY CLERK



**Description (continued):**

Item Nos.

	INCREASE	DECREASE
1. Add: Direct the contractor to remove and replace the corroded 30" piping and all appurtenances at level #1 of the outlet tower for an agreed upon lump sum price of.....	\$90,319.00	
2. Add: Direct the contractor to rehabilitate the deteriorated concrete bridge at level #4 of the outlet tower for an agreed upon lump sum price of.....	\$49,438.00	
3. Add: Direct the contractor to rehabilitate the corroded 30" vertical pipe segments between levels #1 and #2 of the outlet tower for an agreed upon lump sum price of.....	\$10,502.00	
4. Add: Direct the contractor to install valve supports under the five (5) new knife gate valves in the outlet tower and Barrett dam for an agreed upon lump sum price of.....	\$17,372.00	
5. 98 working days will be added to the contract duration at no additional cost to the City.	\$0.00	

000478

Net Increase  
Net Decrease

\$167,631.00

\$0.00

Total Increase for this Change Order

\$167,631.00

0

By Reason of this contract Change Order, the number of working days shall be increased by  
No additional compensation will be granted for the increase days.

98

days.



000479

**Justification for Entitlement:**

Item Nos.

1. through 4. :

As part of construction of the Lake Barrett Outlet Tower Upgrade, the contractor was directed to remove four deteriorated existing work platforms and debris/mud found at the outlet tower bottom. After the removal, the contractor was directed to install a temporary working platform which can be lowered and raised inside the tower. The adjustable platform and access to the cleaned up bottom of the tower allowed City Staff additional access and closer inspection of the existing conditions inside the tower to a degree which would not have been possible prior to the start of construction. With input from the City's Corrosion Engineering Section and consulted structural engineers it was determined that the outlet tower required more work than was originally anticipated to complete the project correctly. The additional work in items No. 1 through No. 4 addresses these deterioration/corrosion issues to the interior pipes and the supporting concrete bridges inside the tower as well as required support for the newly installed valves/the existing old pipes, thus extending the outlet towers service life.

Delay days.

By Reason of this contract Change Order, the number of working days shall be increased by 98 working days. These days granted by this change order include seventy nine (79) working days for material procurement and change order work, four (4) working days for additional safety measures to allow for safe removal of the collapsing wooden operating platforms inside the tower, two (2) working days for field order work to remove debris and mud from the bottom of the operating tower and thirteen (13) working days for impacts due to the Harris Fire.